

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Lucien Alfred Couvillon, Jr.

Serial No.: not yet assigned

Filed: Herewith

For: **ULTRASOUND COATING FOR ENHANCING
VISUALIZING OF MEDICAL DEVICES IN
ULTRASOUND IMAGES**

Group Art Unit: not yet assigned

Examiner: Not yet assigned

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In accordance with 37 CFR §§ 1.97 and 1.98, the items identified in this Information Disclosure Statement ("IDS") are brought to the attention of the Office. The items are listed on the attached form PTO-1449 and copies are enclosed for the convenience of the Examiner.

The items identified in this IDS may or may not be "material" pursuant to 37 CFR § 1.56. The submission thereof by Applicant is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" under 35 USC § 102 with respect to this invention unless specifically designated by Applicant as such.

CERTIFICATE OF MAILING
(37 C.F.R. §1.10)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as 'Express Mail Post Office To Addressee' in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria 22313-1450.

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October 3, 2003
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Sally Hartwell
Name of Person Mailing Paper

Sally Hartwell
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INFORMATION DISCLOSURE STATEMENT FILING PROVISION:

- This IDS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b), that is (1) within three months of the filing date of the application, which is not a continued prosecution application filed under § 1.53(d); or (2) within three months of entry of the national stage as set forth in 37 CFR § 1.491; or (3) before the mailing of a first Office action on the merits; or (4) before the mailing of a first Office action after filing a request for continued examination under § 1.114. Thus, no fee is required.
- However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and charge the fee due under 37 CFR § 1.17(p) to the deposit account referenced below.
- However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and a statement under 37 CFR § 1.97(e) is included below, thus no fee is required.
- This IDS is being submitted under 37 CFR § 1.97(c), that is after mailing of a first Office action on the merits, but before a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311.
- The fee due under 37 CFR § 1.17(p) is submitted herewith.
- A statement under 37 CFR § 1.97(e) is included below, thus no fee is required. In the event that this IDS is not received before a Final Action or a Notice of Allowance, then Applicant respectfully requests that the Office consider the filing of these papers to be submitted under 37 CFR § 1.97(d) and charge the fee due under 37 CFR § 1.17(p) to the deposit account below.
- This IDS is being submitted under 37 CFR § 1.97(d), that is after a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311, but before payment of the issue fee. A statement under 37 CFR § 1.97(e) is included below. The fee due under 37 CFR § 1.17(p) is submitted herewith.

STATEMENT UNDER 37 CFR § 1.97(e):

- Each item contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.
- No item contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this statement after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this IDS.

PAYMENT AND/OR AUTHORIZATION TO CHARGE FEES:

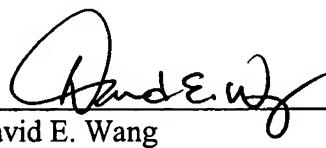
- A check in the amount of _____ is enclosed for the above fee(s).
- Please charge _____ to Deposit Account No. **15-0665** for the above fee(s).

The Commissioner is authorized to charge any fees required by the filing of these papers, and to credit any overpayment to Orrick, Herrington & Sutcliffe's Deposit Account No. **15-0665**.

Respectfully submitted,
Orrick, Herrington & Sutcliffe LLP

Dated: October 3, 2003

By:



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<p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p style="text-align: center;">(use as many sheets as necessary)</p>				Complete if Known	
				Application Number	not yet assigned
				Filing Date	Herewith
				First Named Inventor	Lucien Alfred Couvillon, Jr.
				Group Art Unit	not yet assigned
				Examiner Name	not yet assigned
Sheet	2	of	2	Attorney Docket Number	701470.4069

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publications of Cited Documents MM-DD-YYYY
		Number	Kind Code ²		
17.	6,306,176	B1		Whitbourne	10/23/2001
18.	6,316,522	B1		Loomis, et al.	11/13/2001
19.	6,406,852	B1		Tuli, et al.	06/18/2002
20.	6,465,178	B2		Chappa, et al.	10/15/2002

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publications of Cited Documents MM-DD-YYYY
		Office ³	Number ⁴	Kind Code ⁵	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials'	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	21.	"Amersham Health, Harmonic Imaging with Contrast", http://www.anershamhealth-us.com/optison/monograph/om07.html , 2 pgs, 07/15/2003			
	22.	"Alliance Pharmaceutical Corp. - Ultrasound Imaging Patents", http://www.allp.com/Imagent/imavistpatents.htm , 3 pgs., 07/15/2003			
	23.	"GE Medical Systems, - Ultrasound Techniques Tutorials, Tissue Harmonic Imaging", http://www.gemedicalsystems.com/rad/us/education/msutut3.html , 3 pgs., 07/24/2003			
	24.	"Heparin Coating Systems, Antithrombogenic Coatings for Medical Devices", http://www.stsbiochemicals.com/Old%20Website/bull6c.htm , 2 pgs., 08/04/2003			
	25.	"Velcro USA Inc. Industrial Products: Pressure Sensitive Adhesives", 3 pgs., http://www.Velcro.com/industrial/pressure.htm , 10/03/2003			

Examiner Signature	Date Considered
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	not yet assigned
Sheet	1	of	2	Filing Date	Herewith
				First Named Inventor	Lucien Alfred Couvillon, Jr.
				Group Art Unit	not yet assigned
				Examiner Name	not yet assigned
				Attorney Docket Number	701470.4069

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		Number	Kind Code ²		
	1.	5,135,516		Sahatjian, et al.	08/04/1992
	2.	5,304,121		Sahatjian	04/19/1994
	3.	5,466,587		Fitzpatrick-McElligott, et al.	11/14/1995
	4.	5,693,034		Buscemi, et al.	12/02/1997
	5.	5,702,754		Zhong	12/30/1997
	6.	5,843,089		Sahatjian, et al.	12/01/1998
	7.	5,948,387		Unger, et al.	09/07/1999
	8.	6,060,534		Ronan, et al.	05/09/2000
	9.	6,096,108		Coulonvaux, et al.	08/01/2000
	10.	6,176,849	B1	Yang, et al.	01/23/2001
	11.	6,184,266	B1	Ronan, et al.	02/06/2001
	12.	6,193,951	B1	Ottoboni, et al.	02/27/2001
	13.	6,261,630	B1	Nazarova, et al.	07/17/2001

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Examiner Initials	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publications of Cited Documents MM-DD-YYYY
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials'	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	14.	"Ultrasound Contrast Imaging", GE Medical Systems, http://www.gemedicalsystems.com/rad/us/products/msucvcontrast.html , 07/15/2003			
	15.	"POINT Biomedical Corp. Announces Two New Patents", POINT Biomedical Corporation: News Room, San Carlos, CA (Business Wire) June 25, 2001, http://www.pointbiocom/newroom/release.asp?id=pr1113200295025 , 07/24/2003			
	16.	"Phillips, Ultrasound - HDI 5000 - Power Contrast Harmonic Imaging", http://www.medical.Philips.com/main/products/ultrasound/.../power_contrast_harmonic.htm , 07/15/2003			

Examiner Signature	Date Considered
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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